BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

Office of the Executive Engineer Dasarahalli Division

SCHDULE-B

Name of Work :Construction of Concrete Drain and Improvements to Roads at Siddeshwara Badavane in Bagalagunte ward no.14

Sl	Description of Work	Unit	Qty	Sanctioned Rates		Amount
				In figures (Rs)	In Words (Rs)	
1	2	3	4	5	6	7
1	Scarifying kankar / gravel / metal crust upto 150mm thick with pick axes and disposal of stuff within a lead of 100 meters including cost of all labour charges Complete as per specifications.	**Sqm**	**3324.00**	20.25	Rupees Twenty & Twenty five Paise Only	67311.00
2	Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications. (which includes cost of gravel / murrum, watering charges & compaction by vibratory roller)	**Cum**	**997.20**	166.32	Rupees One Hundred Sixty six & Thirty two Paise only	165854.00
3	For Grading I material construction of granular sub-base by providing close graded granular sub-base material, ixing in a mechanical mix plant at OMC, carriage of mixed material at work site, spreading in uniform layers with motir grader on	**Cum**	**498.60**	1060.56	Rupees One thousand Sixty & Fifty six Paise only	528795.00
4	Providing, laying, spreading and compacting graded stone aggregate to **wet mix macadam** Specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per Specification	**Cum**	**664.80**	1121.04	Rupees One Thousand one hundred twenty one & four Paise Only	745267.00

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5	Providing and applying primer coat with s.s bitum(, emulstion on prepared surface of granular base such as WBM, WMM including clearing of road surface and spraying primer at the rate of 0.6 kg/sqm using mechanical means complete as per specification with all leads and lifts etc., complete as per the direction of Engineer-in- charge of the work	Sqm	**3324.00**	28.94	Rueeps Twenty eight & Ninty four paise only	96197.00
6	Providing and laying semi dense bituminous concrete 25-30 mm thick with 5% bitamin 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH Specification clause No. 500.8 complete in all respects as per specifications. With 80/100 grade bitumen with all leads and lifts	Cum	**99.72**	9631.44	Rupees Nine thousand six hundred thirty one & Forty four Paise only	960447.00
7	Carriage of mixed materials with an lead of 5 kms	Cum	**99.72**	78.57	Rupees Seventy eight & Fifty seven Paise Only	7835.00
8	Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed the disposed earth to be leveled neatly after breaking of clods complete as per specifications	Cum	343.80	90.72	Rupees Ninty & Seventy two Paise Only	31190.00
9	Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications	Cum	25.65	4211.38	Rupees Four thousand two hundred eleven & Thirty eight paise Only	108022.00

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10	Providing and laying in position plain cemé concrete of design mix M20 with OPC cement @320 kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum, with superplastisiser @3lts confirming to IS9103-1999 Reafirmed-2008, machine mixed, concrete laid in layers not blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications	Cum	70.58	5535.32	Rupees Five thousand five hundred thirty five & thirty two Paise only	390669.00
11	Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification	Qtl	55.24	7244.04	Rupees Seven thousand two hundred forty four & four Paise only	400140.00
12	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications.	Sqm	515.35	266.06	Rupees Two hundred sixty six & Six Paise only	137114.00
13	Supplying and fixing precast rainforced concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.	Sqm	135.60	1600.00	Rupees One Thousand Six hundred Only	216960.00
14	Providing Granite slabs selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete 7.5 thick	Sqm	279.50	343.44	Rupees Three hundred forty three & Forty four paise only	95991.00

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15	Providing and constructing precast concl .e solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specification	Sqm	34.48	924.48	Rupees Nine hundred twenty four & Forty eight Paise Only	31876.00
16	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading	Cum	**843.30**	78.24	Rupees Seventy eight & Twenty four Paise Only.	65980.00
					Total	**4049648.00**
					KRIDL Charges-10%	450000.00
					misc	352.00
					Grand Total	**4500000.00**

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